

**2012 MODIFICATIONS**  
**REGION OF WATERLOO**  
**AND**  
**AREA MUNICIPAL**  
**DESIGN GUIDELINES**  
**AND**  
**SUPPLEMENTAL SPECIFICATIONS**  
**FOR**  
**MUNICIPAL SERVICES**

The following table summarizes the major changes made in the 2012 DGSSMS. Minor changes due to typographical errors and/or slight rewording for clarity have not necessarily been included in the summary.

<b>Section</b>	<b>Modification and Commentary</b>
<b>PART A</b>	<b>DESIGN GUIDELINES</b>
A.1.7	Clarification of order of precedent
<b>PART B</b>	<b>DESIGN GUIDELINES</b>
B.1.2	Clarification to the MOE guidelines
B.1.6	Clarification to the width of the easements
B.1.8	Expansion of the Record Drawings requirements
B.2.5.3.3	City of Kitchener - watermain sizes requirement
B.2.7.3	City of Cambridge - hydrant location requirement at the intersections
B.2.8.2	Revision of location of water valves
B.2.12.1	Clarification of size of water services
B.2.12.2	Clarification of location of water services
B.2.12.6	Clarification of valving of water services (100mm dia.)
B.2.12.7	Clarification of water metering
B.2.4.4	Clarification to drop inlet structure
B.4.4.1	Sizes of single CB leads in City of Guelph and City of Waterloo
B.4.4.7	Subdrain requirements for City of Kitchener and Township of Woolwich
B.4.4.9	Expansion of paragraph Rear Yard Drainage

<b>Section</b>	<b>Modification and Commentary</b>
<b>PART C</b>	<b>MATERIAL SPECIFICATION</b>
C.2.2.1	Gate Valves McCoy Casting was renamed to East Jordan
C.2.4.2	Cities Cambridge and Guelph and Township of Wilmot will not permit plastic adjustment units
C.2.8	Expansion to the paragraph Hydrants
C.2.8	Hydrants: City of Guelph will not permit Darling Century
C.2.9.1	City of Cambridge - water service requirements
C.2.9.2	City of Cambridge - water servicing/service saddles
C.2.9.6	City of Cambridge - clarification on curb stops
C.2.9.7	Service Boxes – expanded paragraph
C.2.11.1.2	Zinc Coated bolts, nuts and washers are no longer permitted
C.3.1.2	PVC pipes and fittings shall be certified to CSA B182.2
C.3.1.7	Clarification regarding the sizes and types sewer plastic pipes
C.3.2	Self Adjusting MH frames and cover in region of Waterloo
<b>PART D</b>	<b>CONSTRUCTION SPECIFICATION</b>
D.1.4.3	Discharge to Sewers - clarification
D.2.1	Ontario Provincial Standard Specification - clarification
D.2.2.3	Shutting Down or Charging Main, second paragraph, minor expansion
D.2.3.1	General (Temporary Water Distribution System) Added paragraph
D.2.3.2	Layout Plan - expanded
D.2.3.8	Chlorine Residual and Bacteriological Testing – second paragraph expanded
D.2.4.4	Temporary Connection and Backflow Preventer - modification
D.2.5.4	Joint and Thrust Restraint – added text
D.2.5.5	Tracer Wire – modified text
D.2.5.10	Wrapping – new paragraph
D.2. 6. 1	Setting of Hydrants – modified text
D.2.7.1.1	Installation – expanded text
D.2.7.2.3	Union Couplings – expanded text

<b>Section</b>	<b>Modification and Commentary</b>
<b>PART D</b>	<b>CONSTRUCTION SPECIFICATION</b>
D.2.8	Commissioning – added sentence
D.2.8.1	General – expanded text
D.2.8.3	Hydrostatic Pressure Test – modified text
D.2.6.3	Sample Location – added text
D.2.6.7	Custody Control – added text
D.2.8.6.8	Post Final Connection Bacteriological Testing – added sentence
D.3.3.1	Maintenance Hole Lid Adjustment Tolerance – new text
D.3.5.1	General – added text